

j1132  
03/01/02  
U.S.  
PTO

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 49810-00601

First Inventor Ernest C. Schroeder

Title **Apparatus and Method of Fabricating  
Fiber Reinforced Plastic Parts**

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages   ]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 6 ]
5. Oath or Declaration [ Total Pages 2 ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*
- i.  **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*
11.  English Translation Document (*if applicable*)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

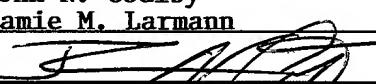
of prior application No.: /

Prior application information: Examiner: Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

|  |   |       |  |
|--|---|-------|--|
| <input type="checkbox"/> Customer Number or Bar Code Label | <br>(Insert Customer No. or Bar Code Label here) |       | or <input type="checkbox"/> Correspondence address below |
| Name   | 25243   |       |  |
| Address  | PATENT TRADEMARK OFFICE   |       |  |
|  | City  | State | Zip Code   |
| Country  | Telephone   | Fax   |  |

|                   |   |                                   |                  |
|-------------------|---|-----------------------------------|------------------|
| Name (Print/Type) | John N. Coulby<br>Jamie M. Larmann  | Registration No. (Attorney/Agent) | 43,565<br>48,623 |
| Signature         |  |                                   | Date             |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

 The PTO did not receive the following listed item(s) POST card

 J1046 U.S. PTO  
03/01/02

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 475.00)

## Complete if Known

|                      |                     |
|----------------------|---------------------|
| Application Number   |                     |
| Filing Date          | March 1, 2002       |
| First Named Inventor | Ernest C. Schroeder |
| Examiner Name        |                     |
| Group Art Unit       |                     |
| Attorney Docket No.  | 49810-00601         |

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  
 Deposit Account Number   
 Deposit Account Name   
 Charge Any Additional Fee Required  
 Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status.  
 See 37 CFR 1.27

2.  Payment Enclosed:  
 Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code                        | Fee (\$) | Fee Code | Fee (\$) | Fee Description        | Fee Paid                            |
|---------------------------------|----------|----------|----------|------------------------|-------------------------------------|
| 101                             | 740      | 201      | 370      | Utility filing fee     | <input type="text" value="370.00"/> |
| 106                             | 330      | 206      | 165      | Design filing fee      | <input type="text"/>                |
| 107                             | 510      | 207      | 255      | Plant filing fee       | <input type="text"/>                |
| 108                             | 740      | 208      | 370      | Reissue filing fee     | <input type="text"/>                |
| 114                             | 160      | 214      | 80       | Provisional filing fee | <input type="text"/>                |
| <b>SUBTOTAL (1) (\$ 370.00)</b> |          |          |          |                        |                                     |

## 2. EXTRA CLAIM FEES

| Total Claims       | 25 | -20** = | 5 | x | 9.00  | = | 45.00 | Extra Claims       | Fee from below | Fee Paid             |
|--------------------|----|---------|---|---|-------|---|-------|--------------------|----------------|----------------------|
| Independent Claims | 4  | - 3** = | 1 | x | 42.00 | = | 42.00 | Multiple Dependent |                | <input type="text"/> |
|                    |    |         |   |   |       |   |       |                    |                |                      |

## Large Entity Small Entity

| Fee Code                       | Fee (\$) | Fee Code | Fee (\$) | Fee Description  |
|--------------------------------|----------|----------|----------|--|
| 103                            | 18       | 203      | 9        | Claims in excess of 20                                     |
| 102                            | 84       | 202      | 42       | Independent claims in excess of 3                          |
| 104                            | 280      | 204      | 140      | Multiple dependent claim, if not paid                      |
| 109                            | 84       | 209      | 42       | ** Reissue independent claims over original patent         |
| 110                            | 18       | 210      | 9        | ** Reissue claims in excess of 20 and over original patent |
| <b>SUBTOTAL (2) (\$ 87.00)</b> |          |          |          |  |

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

| Large Entity Fee Code             | Small Entity Fee Code | Fee (\$) | Fee (\$) | Fee Description  | Fee Paid                      |
|-----------------------------------|-----------------------|----------|----------|--|-------------------------------|
| 105                               | 130                   | 205      | 65       | Surcharge - late filing fee or oath  | <input type="text"/>          |
| 127                               | 50                    | 227      | 25       | Surcharge - late provisional filing fee or cover sheet                     | <input type="text"/>          |
| 139                               | 130                   | 139      | 130      | Non-English specification  | <input type="text"/>          |
| 147                               | 2,520                 | 147      | 2,520    | For filing a request for ex parte reexamination                            | <input type="text"/>          |
| 112                               | 920*                  | 112      | 920*     | Requesting publication of SIR prior to Examiner action                     | <input type="text"/>          |
| 113                               | 1,840*                | 113      | 1,840*   | Requesting publication of SIR after Examiner action                        | <input type="text"/>          |
| 115                               | 110                   | 215      | 55       | Extension for reply within first month                                     | <input type="text"/>          |
| 116                               | 400                   | 216      | 200      | Extension for reply within second month                                    | <input type="text"/>          |
| 117                               | 920                   | 217      | 460      | Extension for reply within third month                                     | <input type="text"/>          |
| 118                               | 1,440                 | 218      | 720      | Extension for reply within fourth month                                    | <input type="text"/>          |
| 128                               | 1,960                 | 228      | 980      | Extension for reply within fifth month                                     | <input type="text"/>          |
| 119                               | 320                   | 219      | 160      | Notice of Appeal   | <input type="text"/>          |
| 120                               | 320                   | 220      | 160      | Filing a brief in support of an appeal                                     | <input type="text"/>          |
| 121                               | 280                   | 221      | 140      | Request for oral hearing   | <input type="text"/>          |
| 138                               | 1,510                 | 138      | 1,510    | Petition to institute a public use proceeding                              | <input type="text"/>          |
| 140                               | 110                   | 240      | 55       | Petition to revive - unavoidable   | <input type="text"/>          |
| 141                               | 1,280                 | 241      | 640      | Petition to revive - unintentional   | <input type="text"/>          |
| 142                               | 1,280                 | 242      | 640      | Utility issue fee (or reissue)   | <input type="text"/>          |
| 143                               | 460                   | 243      | 230      | Design issue fee   | <input type="text"/>          |
| 144                               | 620                   | 244      | 310      | Plant issue fee  | <input type="text"/>          |
| 122                               | 130                   | 122      | 130      | Petitions to the Commissioner  | <input type="text"/>          |
| 123                               | 50                    | 123      | 50       | Processing fee under 37 CFR 1.17(q)  | <input type="text"/>          |
| 126                               | 180                   | 126      | 180      | Submission of Information Disclosure Stmt                                  | <input type="text"/>          |
| 581                               | 40                    | 581      | 40       | Recording each patent assignment per property (times number of properties) | <input type="text"/>          |
| 146                               | 740                   | 246      | 370      | Filing a submission after final rejection (37 CFR § 1.129(a))              | <input type="text"/>          |
| 149                               | 740                   | 249      | 370      | For each additional invention to be examined (37 CFR § 1.129(b))           | <input type="text"/>          |
| 179                               | 740                   | 279      | 370      | Request for Continued Examination (RCE)                                    | <input type="text"/>          |
| 169                               | 900                   | 169      | 900      | Request for expedited examination of a design application                  | <input type="text"/>          |
| Other fee (specify) _____         |                       |          |          |  | <input type="text"/>          |
| *Reduced by Basic Filing Fee Paid |                       |          |          |  | <b>SUBTOTAL (3) (\$ 0.00)</b> |

## SUBMITTED BY

|                   |   |                                      |                  |           |              |
|-------------------|---|--------------------------------------|------------------|-----------|--------------|
| Name (Print/Type) | John N. Coulby<br>Jamie M. Larmann  | Registration No.<br>(Attorney/Agent) | 43,465<br>48,623 | Telephone | 202.342.8400 |
| Signature         |  |                                      |                  | Date      | 3/01/02      |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

# Collier Shannon Scott

Collier Shannon Scott, PLLC  
Washington Harbour, Suite 400  
3050 K Street, NW  
Washington, DC 20007-5108  
202.342.8400 TEL  
202.342.8451 FAX

March 1, 2002

## VIA HAND-DELIVERY

Assistant Commissioner for Patents  
BOX - PATENT APPLICATION  
Washington, D.C. 20231

**Re: New U.S. Patent Application  
For: APPARATUS AND METHOD OF FABRICATING  
FIBER REINFORCED PLASTIC PARTS  
Our Reference No.: 49810-00601**

Dear Sir:

Transmitted herewith for filing in the U.S. Patent and Trademark Office in connection with the above-referenced application are the following documents: (1) Utility Patent Application Transmittal; (2) Fee Transmittal; (3) Declaration for Utility or Design Patent Application (2 sheets); (4) Twenty-Seven (27) pages of specification including claims and abstract; (5) six (6) sheets of drawings depicting Figs. 1-5; and (6) a check in the amount of \$475.00 to cover the U.S. Government filing fee.

Sincerely yours,



JOHN N. COULBY, Registration No. 43,565  
JAMIE M. LARMANN, Registration No. 48,623

Enclosures